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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/29139

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : Bold 316, 327, 327, 321 US CL : 370/466,474 According to international Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: \$70,0466,474,352-236, 386,389,401,503			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where ap	Relevant to claim No.	
A	US 6,009,100 (GAUSMANN et al) 28 December 19	999 (28.12.1999), figures 2-4.	1-41
A	US 6125117 (MARTIN et al) 26 September 2000 (26.09.2000), figures 1&2, col. 2, lines 1-41 5-28 and col. 4, lines 41-54.		
A	US 2003/0007502 A1 (DOVE et al) 09 January 2003 (09.01.2003), entire document. 1-41		
A,P	US 2004/0131080 A1 (ITO) 8 July 2004 (08.07.2004), figure 1 and claims 1-11.		1-41
Further	documents are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance.		"T" later document published after the international filling date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention	
"E" carlier application or potent published on or after the international filing date "E" carlier application or potent published on or after the international filing date "E" document of purfactular relevance, the claimed invests considered novel or cannot be considered to involve a when the document is taken alone		claimed invention cannot be red to involve an inventive step	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being	
1	referring to an oral disclosure, use, exhibition or other means	obvious to a person skilled in the art	
priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search Date of mailing of the international search report			rch report
15 February 2005 (15.02.2005)		U 6 APR 2005	
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